



Jon Jackson Technical Consultant

PROFESSIONAL OVERVIEW

I am a full-stack web developer proficient in JavaScript, React, Angular, Vue, Node, and PostgreSQL. Over the past three years, I've specialized in crafting interactive web applications with a focus on mobile-first design and a commitment to test-driven development. With additional extensive professional experience in education and music, I am an effective communicator and organizer skilled in building relationships with coworkers and customers.

Portfolio

<https://jonjacksonwebdev.netlify.app/>

Education

- MA, Music Composition University of North Texas 2012
- Bachelor of Music Education, University of North Texas 2009
- Thinkful Engineering Immersion Bootcamp, 2020

Professional Training/Certifications

- Google Cloud Certified Associate Cloud Engineer 2023
- Google Cloud Certified Cloud Digital Leader 2022

Geographic locale

- Detroit, MI

PRIMARY TECHNOLOGIES

- **Front End:** JavaScript, TypeScript, React, Next.js, Angular, Vue, HTML/CSS, WordPress, Adobe Experience Manager, Hack/PHP
- **Back End:** Node.js (TypeScript), Express, SQL, PostgreSQL
- **Testing/Automation:** Selenium, Chai, Mocha, Cypress, Backstop, Jest
- **Dev Tools:** Git, GitHub, Heroku, Postman, Jenkins, JMeter, axe

PROFESSIONAL AND BUSINESS EXPERIENCE

Perficient, Inc.

Technical Consultant

Associate Technical Consultant

February 2022 – Present

June 2020 – February 2022

I have worked with the following organizations as a consultant with Perficient:

DTE Energy

Serving as full-stack developer for internal DTE operations applications.

Responsibilities:

- Integrated event-driven architecture to improve system scalability and responsiveness, ensuring smooth handling of asynchronous data processing.
- Assisted in the migration of legacy systems to modern, scalable backend technologies, improving the speed and reliability of services.
- Utilized Azure Function Apps and Cosmos DB to build scalable, serverless backend solutions supporting cloud-native applications.

Ford Motor Company

Served as frontend developer for shop.ford.com during a major redesign of the website.

Responsibilities:

- Updated Ford and Lincoln Shop sites with new design and migrated Vue JS to current version.
- Provided support to multiple teams by sharing knowledge of CSS and JavaScript animation techniques.

Meta

Served as frontend developer for about.instagram.com and facebook.com/business.

Responsibilities:

- Created modular components using Hack/PHP, JavaScript, CSS, and React.
- Leveraged JavaScript's Intersection Observer API and CSS animations/transitions to develop engaging, interactive web pages for the client.
- Updated internal CMS library, allowing components to be universally utilized by content editors.

United Wholesale Mortgage

Worked on the frontend team for the Loan Quality Review project. Developed UI/UX frontend components using React.

Responsibilities:

- Developed UI/UX components for a large internal application.
- Collaborated with Perficient and UWM development teams in weekly sprints.
- Authored reusable utility components for data sorting by username, date, etc.

H&R Block

Authored pages for Block Advisors website using Adobe Experience Manager. Provided feedback for development, QA, and marketing teams with the goal of creating a better user experience.

Responsibilities:

- Authored new pages for Block Advisors website.
- Drafted documentation explaining various AEM components for future use by H&R Block.
- Attended daily standup meetings with authoring and development teams.

DTE Energy

Served as web developer for DTE's Empowering Michigan website using WordPress, jQuery, and CSS. Developed three WordPress posts for DTE's Sustainability Briefs and updated homepage UI. Served as web developer for the 2022 redesign of dtecleanenergy.com.

Responsibilities:

- Developed desktop, mobile and tablet versions of webpages.
- Drafted documentation for DTE content writers to manage Sustainability Briefs content.
- Updated routing, formatting, and UI design on homepage.
- Crafted engaging user interface for dtecleanenergy.com.

DTE Energy

Served as front-end developer along with a team to design and develop an employee tracking application utilizing Vue.js and CSS.

Responsibilities:

- Integrated API services and designs for data visualization.
- Implemented User Authentication with JSON Web Tokens.
- Developed mobile-first design patterns to comply with a variety of devices (phone, tablet, desktop).



Michigan Hispanic Collaborative

Participated in a 10 person team providing development, design, and testing on a website designed to offer access to educational opportunities for high school students utilizing Wordpress, PHP, and HTML/CSS.

Responsibilities:

- Integrated dynamic PHP tags to client-facing website.
- Instantiated mobile-first design practices to comply with a variety of devices (phone, tablet, desktop).
- Performed automation and manual testing of website
- Leveraged experience with JavaScript, jQuery, HTML/CSS and PHP to build new translation and user profile features.

Perficient Foundry

Participated in a large team setting providing front-end development, QA testing, and design of an employee tracking application utilizing the JavaScript framework Angular.

Responsibilities:

- Designed and developed "Dark Mode" for Foundry website
- Added conditionally-rendered styled components to the website using Angular.
- Wrote QA test cases for API.
- Formatted front-end components with SCSS.
- Initialized continuous integration project build in Jenkins.

Thinkful Engineering Immersion Internship

September 2019 – March 2020

Full-Stack Web Development Intern

Learned industry best practices and practical software development standards with a focus on HTML5, CSS3, JavaScript, jQuery, Node.js, React, Redux, and algorithms & data structures.

Responsibilities:

- Created and deployed mobile-first applications while learning new languages and frameworks by collaborating several hours every week with a senior web developer.

Homewood-Flossmoor High School

August 2017 – June 2019

Music Teacher

Taught beginning and advanced Percussion Ensemble, AP Music Theory, Industry of Music, Drumline, Jazz Ensemble and Guitar Ensemble.

Responsibilities:

- Provided music education to over two hundred students..
- Composed and arranged music for Drumline, Percussion Ensembles, and Jazz Ensembles.
- Served on the Gifted and Talented Committee to provide advanced academic opportunities for all students at H-F.

J.B. Hunt Transport
Operations Supervisor

April 2015 – April 2016

Provided transportation logistics and supply-chain management solutions for three major accounts in the Southwest Region.

Responsibilities:

- Managed over fifty truck drivers to make safe and timely deliveries nationwide.
- Processed payroll, bill of lading, scale invoices, and coordinated supply chain logistics with shipping and receiving sites.

Crandall Independent School District
Assistant Band Director

September 2013 – March 2015

Taught 6-12 grade classes in Concert Band, AP Music Theory, Steel Band, Percussion Ensemble, and Beginner Percussion class.

Responsibilities:

- Arranged batterie and front ensemble music for the 2014-2015 half-time show.
- Designed curriculum for the AP Music Theory class.

